General Environmental Incident Summary

Incident: 3567 ***Date/Time Notice:*** 11/25/2014 2052 ***DEM Incident No:***

Responsible Party: Schlumberger

Date Incident: **8/24/2014** ***Time Incident:*** ***Duration:*** 12 hours

County: Williams ***Twp:*** 154 ***Rng:*** 101 ***Sec:*** 2 ***Qtr:***

Lat: 48.18809 ***Long:*** -103.63000 ***Method:*** Interpolation from map

Location Description: DRILCO
424 47th Street West
Williston, ND 58801

Submitted By: Tina Van Dyne ***Affiliation:***

Address: 1675 N Broadway

Suite 600

City: Denver ***State:*** CO ***Zip:*** 80202

Received By:

Contact Person: Tina and/or Stacy Van Dyne and/or Colvin
1675 N Broadway
Suite 600
Denver, CO 80202

Distance Nearest Occupied Building: 50 Feet ***Release Contained:*** No

Type of Incident: Parts Cleaning Tank Blew Over

Description of Released Contaminant: **Safety Kleen Gold Solvent (Stoddard Solvent or Mineral Spirits)**

Volume Spilled: **47.00 gallons** ***Ag Related:*** No

EPA Extremely Hazardous Substance: No ***Reported to NRC:*** Unknown

Cause of Incident:

During a storm event, high winds blew over a 300-gallon Safety Kleen parts cleaner tank that was approximately one quarter full of Safety Kleen Gold Solvent (Stoddard solvent or mineral spirits). The AST fell out of its secondary containment, onto the ground and an estimated quantity of 47 gallons of Stoddard solvent was released to the soil.

Risk Evaluation:

none

# of Fatalities: 0 ***# of Injuries:*** 0 ***Affected Medium:*** 03 - soil

Potential Environmental Impacts:

none

Surface and subsurface soil impacted by the release of Stoddard solvent has been excavated. Analytical results indicate groundwater was not impacted.

Action Taken or Planned:

Soil exhibiting staining from Stoddard solvent was excavated on September 24, 2014. A photoionization detector (PID), as well as olfactory and visual observations, were used during excavation of the area to verify removal of the impacted soil. Excavation of soil continued until no staining was observed and PID readings were below 10 parts per million. At a depth of approximately 5 feet below ground surface (bgs, groundwater began to very slowly seep into the excavation. The excavation was extended to a depth of just over 5 feet bgs and due to the presence of water, excavation activities were terminated. Soil was stockpiled on poly sheeting and covered with poly sheeting on a concrete apron.
One soil sample and one water sample were collected from the bottom of the excavation. The confirmation soil sample was analyzed for Total Petroleum Hydrocarbons (Diesel Range Organics [DRO] and Gasoline Range Organics [GRO]), Volatile Organic Compounds (VOCs), semi-volatile organic compounds, and Resource Conservation and Recovery Act 8 metals. The water sample was analyzed for TPH (GRO, DRO and other extractable petroleum compounds) and VOCs.
The post excavation soil sample results for TPH-GRO was non-detect (U qualifier) at 6.16 U mg/kg and TPH-DRO was estimated (J qualifier) at 3.85 J mg/kg), well below the North Dakota Department of Health screen level of 100 mg/kg. VOCs and SVOCs were non-detect or estimated at very low concentrations near or below detection limits. RCRA metals were within background ranges.
The water sample results collected from the seep water in the bottom of the excavation were TPH-GRO 179 ug/L and TPH-DRO was non-detect (U qualifier) at 100 ug/l, well below the North Dakota Department of Health screening level for TPH in groundwater of 500 ug/l. VOCs and SVOCs were non-detect or estimated at very low concentrations near or below detection limits.
The excavation area was backfilled with clean fill and graded to match existing conditions.

Wastes Disposal Location: Stockpile soil samples were collected and analyzed for requisite waste profile criteria. Upon acceptance of the waste by Clean Harbors Environmental Services, Inc. (CHES), stockpiled soils were loaded into side dump trailers and transported by CHES to the Sawyer, North Dakota landfill facility on October 23rd, 2014.

Agencies Involved:

Updates

Date: 11/26/2014 ***Status:*** Phone/Email Contact ***Author:*** Washek, Sandi

Updated Volume:

Notes:

Telephone message left with the listed responsible party to determine correct location and specifics of the event and followup. Awaiting response.

Date: 11/25/2014 ***Status:*** Reviewed; Followup Required ***Author:*** Roberts, Kris

Updated Volume:

Notes:

Very late report. Followup is necessary to determine cleanup activities and to determine the cause of the reporting delay.